

CLAIMS:

- 1 1. A system to provide power to a communications unit, the system comprising:
 - 2 a first communications network to engage in communications with the
 - 3 communications unit; and
 - 4 a second communications network to provide power to the communications
 - 5 unit.

- 1 2. The system of claim 1 wherein
 - 2 the first communications network comprises a wireless communications
 - 3 network, and
 - 4 the second communications network unit comprises a local exchange carrier
 - 5 network.

- 1 3. The system of claim 1, wherein the communications unit comprises a fixed
 - 2 wireless communications unit.

- 1 4. The system of claim 1, wherein the communications unit comprises a subscriber
 - 2 interface unit.

- 1 5. The system of claim 4, wherein the subscriber interface unit comprises a digital
 - 2 splitter.

- 1 6. The system of claim 4, wherein the subscriber interface unit comprises a cable
 - 2 telephony interface unit.

- 1 7. A system to provide power to a wireless communications unit, the system
 - 2 comprising:
 - 3 a wireless switch to switch wireless calls from and to the wireless
 - 4 communications unit; and
 - 5 a landline from a local exchange carrier to provide power to the wireless
 - 6 communications unit.

1 8. The system of claim 7, wherein the wireless communications unit comprises a
2 fixed wireless communications unit.

1 9. The system of claim 8, wherein the fixed wireless communications unit
2 includes:

3 a fixed wireless base station to engage in wireless communications; and
4 a handset to engage in cordless communications with the fixed wireless base
5 station.

1 10. The system of claim 8, wherein the fixed wireless communications unit
2 includes:

3 a fixed wireless base station to engage in wireless communications; and
4 a handset coupled to the fixed wireless base station.

1 11. The system of claim 7, wherein the wireless communications unit comprises a
2 wireless communications handset.

1 12. The system of claim 7, further comprising a base station coupled to the wireless
2 switch, the base station to engage in wireless communications with the wireless
3 communications unit.

1 13. The system of claim 12, wherein the base station and the wireless
2 communications unit are to engage in wireless communications pursuant to a wireless
3 communications protocol selected from the group consisting of an Advanced Mobile
4 Phone Service wireless communications protocol, an Interim Standard 41 wireless
5 communications protocol, an Interim Standard 54 wireless communications protocol,
6 an Interim Standard 55 Time Division Multiple Access wireless communications
7 protocol, an Interim Standard 95 Code Division Multiple Access wireless
8 communications protocol, GSM, 3G, WAP, GPS and an Interim Standard 136 Time
9 Division Multiple Access wireless communications protocol.

1 14. A wireless communications systems comprising:

2 a wireless communications network, the wireless communications network
3 including a mobile switching center coupled to a base station;
4 a wireless communication unit, the wireless communications unit to
5 communicate with the wireless communications network according to a wireless
6 communications protocol; and
7 a landline from a central office of a local exchange carrier to provide power to
8 said wireless communications unit.

1 15. The wireless communications system of claim 14, wherein the wireless
2 communications unit comprises a fixed wireless communication unit.

1 16. The wireless communications system of claim 14, wherein the wireless
2 communications network comprises a cellular communications network.

1 17. The wireless communications system of claim 14, wherein the wireless
2 communications network is a wireless network selected from the group consisting of an
3 an Advanced Mobile Phone Service wireless network, an Interim Standard 41 wireless
4 network, an Interim Standard 54 wireless network, an Interim Standard 55 Time
5 Division Multiple Access wireless network, an Interim Standard 95 Code Division
6 Multiple Access wireless network, GSM, 3G, WAP, GPS and an Interim Standard 136
7 Time Division Multiple Access wireless network.

1 18. A method for providing power to a fixed wireless communications unit, the
2 fixed wireless communications unit including a fixed wireless base station, the method
3 comprising:
4 coupling the fixed wireless communication unit to a landline receptacle unit, the
5 landline receptacle unit coupled to a local exchange carrier via a landline;
6 supplying power to the landline receptacle unit; and
7 receiving wireless communications from the fixed wireless communications
8 unit.

1 19. The method of claim 18, wherein the fixed wireless communications unit is
2 charged by receiving power from the landline.

1 20. The method of claim 18, wherein the wireless communications are cellular
2 communications.

1 21. A method of providing power to a subscriber interface unit, the subscriber
2 interface unit coupled to a first external network, a second external network, and a
3 communications device, the method comprising:

4 receiving power from a first power source;

5 directing communications from the communications device to the first external
6 network;

7 determining that power is not being received from the first power source;

8 receiving power from a landline receptacle unit, the landline receptacle unit
9 coupled to a local exchange carrier via a landline; and

10 directing communications from the communications device to the second
11 external network.

1 22. The method of claim 21, wherein the first external network is a cable network.

1 23. The method of claim 21, wherein the second external network is a wireless
2 communications network.

1 24. The method of claim 21, wherein the second external network is a local
2 exchange carrier network.

1 25. The method of claim 21, wherein the communications device is a telephone.

1 26. The method of claim 21, wherein the subscriber interface unit comprises a
2 digital splitter.

1 27. An apparatus to provide power to a subscriber interface unit, the subscriber
2 interface unit coupled to a first external network, a second external network, and a
3 communications device, the apparatus comprising:

4 a first power coupling to receive power from a first power source;

5 a first communications port to output communications from the
6 communications device to the first external network;

7 a second power coupling to receive power from a landline receptacle unit, the
8 landline receptacle unit coupled to a local exchange carrier via a landline; and

9 a second communications port to output communications from the
10 communications device to the second external network; and

11 a control circuit to direct communications from the first communications device
12 to said first communications port, to determine that power is not being received from
13 the first power source, to direct receiving power from the landline receptacle unit, and
14 to redirect communications from the communications device to the second
15 communications port.

1 28. The apparatus of claim 27, wherein the first external network is a cable
2 network.

1 29. The apparatus of claim 27, wherein the second external network is a wireless
2 communications network.

1 30. The apparatus of claim 27, wherein the second external network is a local
2 exchange carrier network.

1 31. The apparatus of claim 27, wherein the communications device is a telephone.

1 32. The apparatus of claim 27, wherein the subscriber interface unit comprises a
2 digital splitter.

1 33. A computer-readable medium storing a plurality of instructions to be executed
2 by a processor to regulate the powering of a subscriber interface unit, the plurality of
3 instructions comprising instructions to:

4 direct receipt of power from a first power source;
5 direct communications from the communications device to the first external
6 network;
7 determine that power is not being received from the first power source;
8 direct receipt of power from a landline receptacle unit, the landline receptacle
9 unit coupled to a local exchange carrier via a landline; and
10 direct communications from the communications device to the second external
11 network.

1 34. The computer-readable medium of claim 33, wherein the first external network
2 is a cable network.

1 35. The computer-readable medium of claim 33, wherein the second external
2 network is a wireless communications network.

1 36. The computer-readable medium of claim 33, wherein the second external
2 network is a local exchange carrier network.

1 37. The computer-readable medium of claim 33, wherein the communications
2 device is a telephone.

1 38. The computer-readable medium of claim 33, wherein the subscriber interface
2 unit comprises a digital splitter.

1 39. A system for providing power to a cellular communication device comprising:
2 a cellular communication device;
3 a power supply connected to at least one local exchange carrier providing power
4 to said cellular communication device.

1 40. The system of claim 39, wherein said cellular communication device is a
2 transceiver.

1 41. The system of claim 39, wherein said wireless communication device is adapted
2 to communicate with a base station according to at least one cellular communications
3 protocol.

1 42. The system of claim 39, wherein said communication device is capable of
2 transceiving signals to and from at least one cellular base station.

1 43. The system of claim 39, wherein said communication device further comprises
2 a subscriber interface unit.

1 44. A power supply for providing power to a cellular communication device
2 comprising:
3 an input adapted to receive electric power from a first communication network;
4 an output adapted to supply power to the cellular communication device of a
5 second network.

1 45. The power supply of claim 44, wherein said first and second communications
2 networks adhere to different communications protocol.

- 1 46. The power supply of claim 44, wherein said first network is a wireless network
- 2 comprising a fixed base station and a wireless communication device.
- 1 47. The power supply of claim 44, wherein said power supply is coupled to the
- 2 communication device.
- 1 48. The power supply of claim 44, wherein said power supply is integrated with the
- 2 communication device.
- 1 49. The power supply of claim 44, wherein said first communication network is a
- 2 local exchange carrier.
- 1 50. A power supply for providing power to a cellular communication device
- 2 comprising:
 - 3 an input adapted to receive electric power from a local exchange carrier;
 - 4 an output adapted to supply power to the cellular communication device of a
 - 5 second network; and
 - 6 a converter for converting the electric power from the local exchange carrier to
 - 7 power acceptable to the cellular communication device.